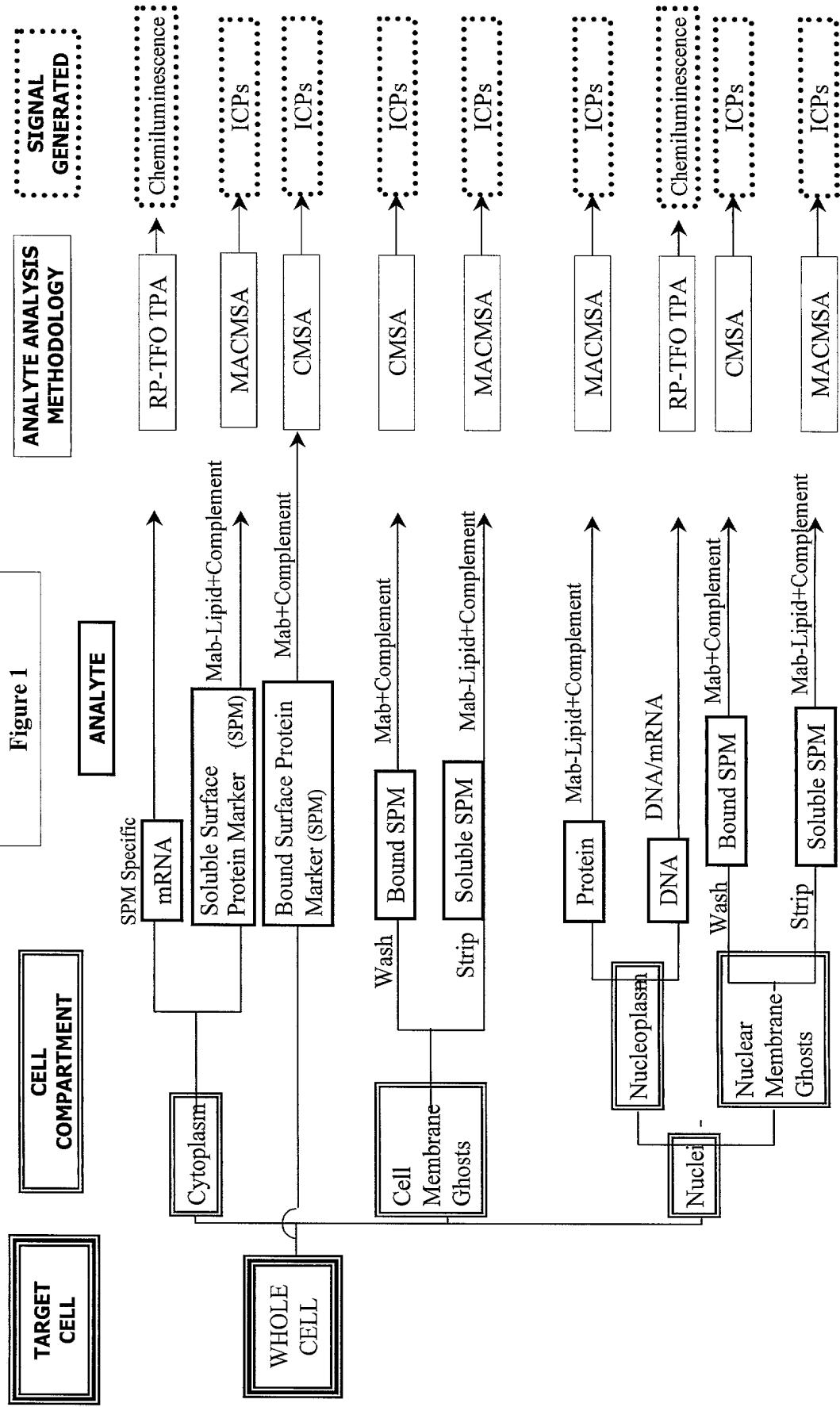


Figure 1



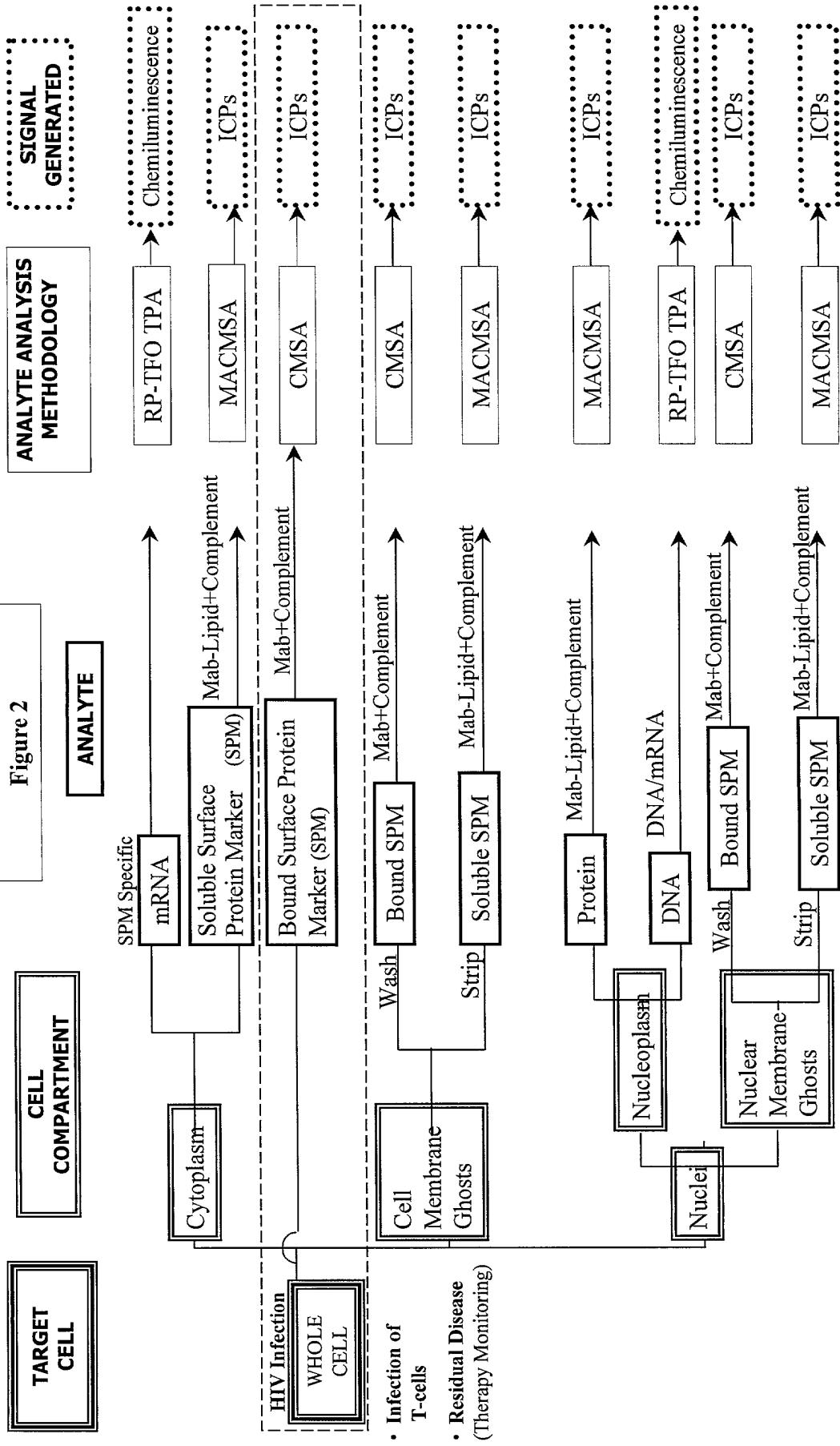


Figure 3

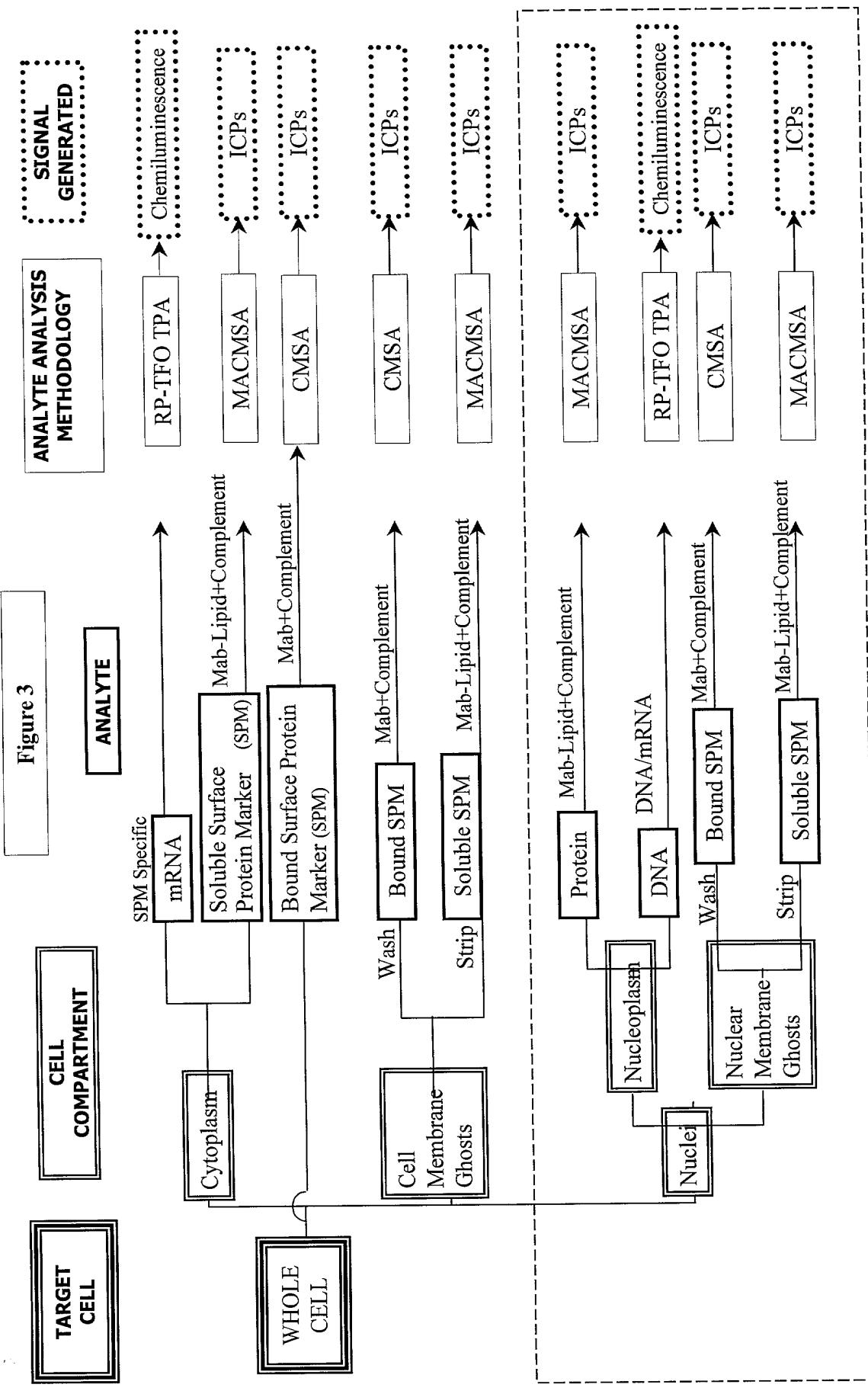
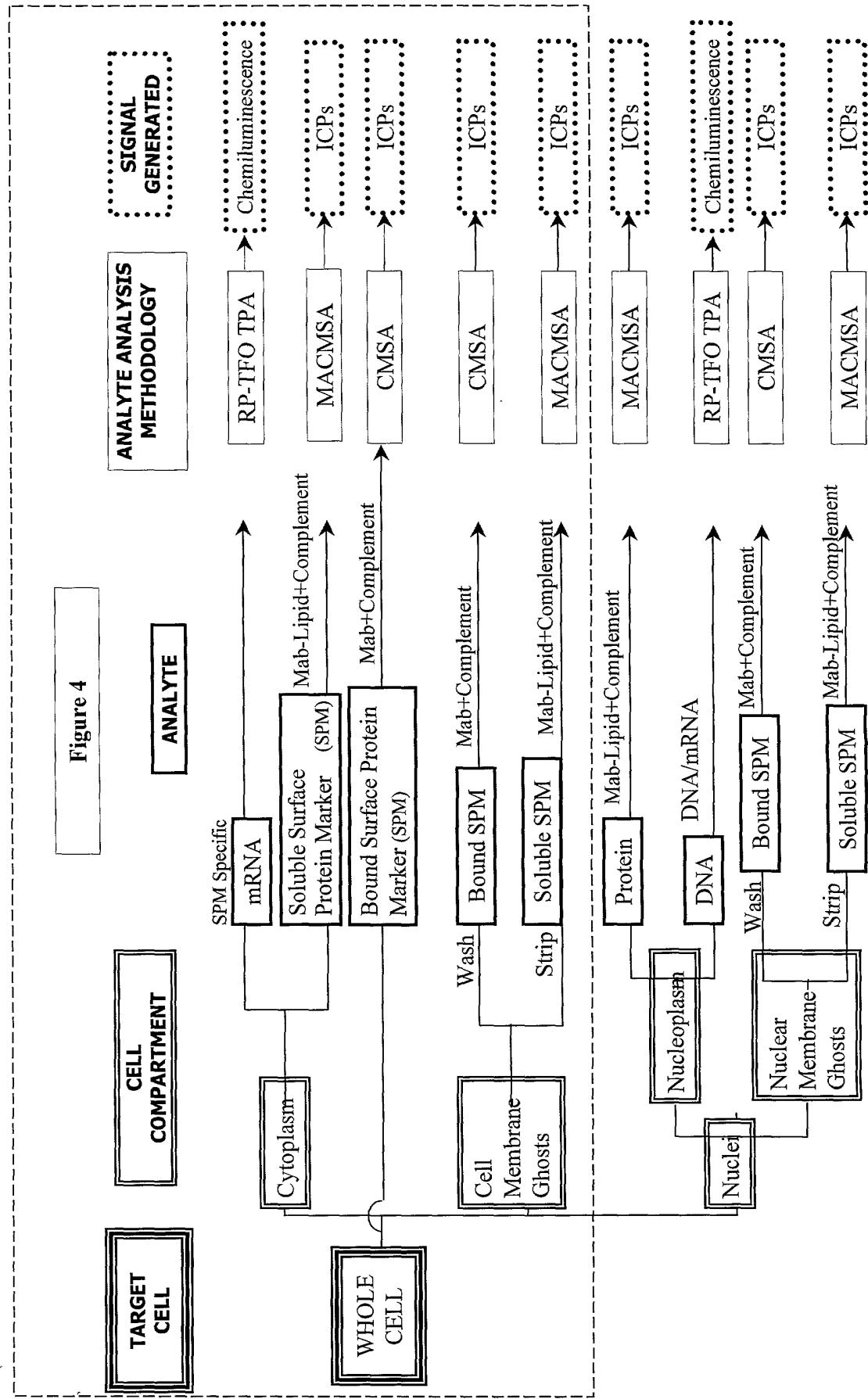


Figure 4



HP DYSPLASIA/CANCER SCREEN

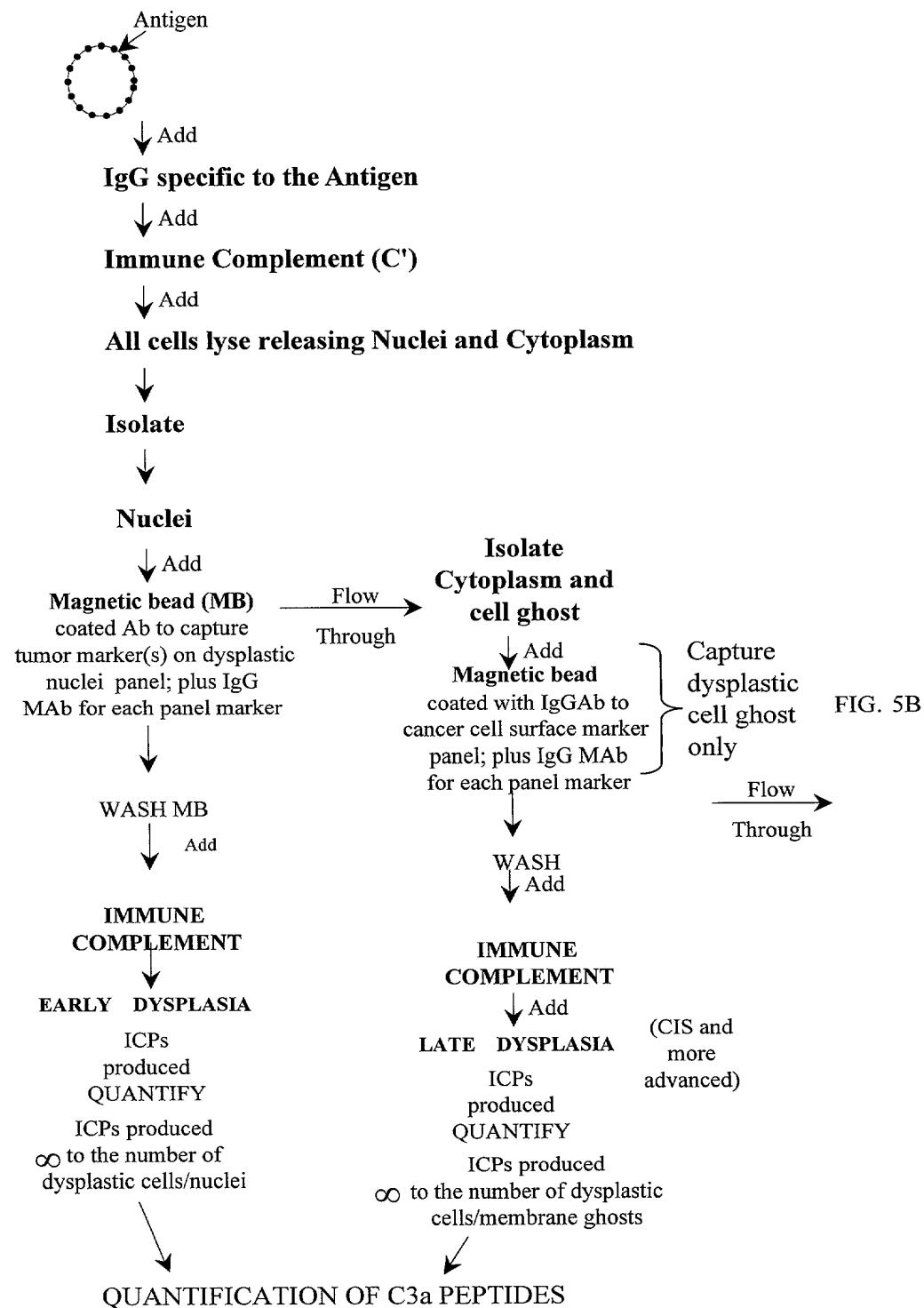


Figure 5A

**Collect
Cytoplasm**

(normal and
dysplastic cells)

↓ Add

Proteinase K
treatment
or SDS / KCL

Protein
denatured
precipitated
and removed

in solution

{ DNA
RNA

↓
Perform
DNA RP-TFO
DNA RFTA
mRNA RP-TFO
mRNA RFTA

←
Capture Target DNA or
mRNA on Magnetic Bead

↓ Add

Labeled Reporter Probe

↓

Quantify Signal

Figure 5B

CERVICAL EXFOLIATIVE CELLS ($\sim 5 \times 10^6$)

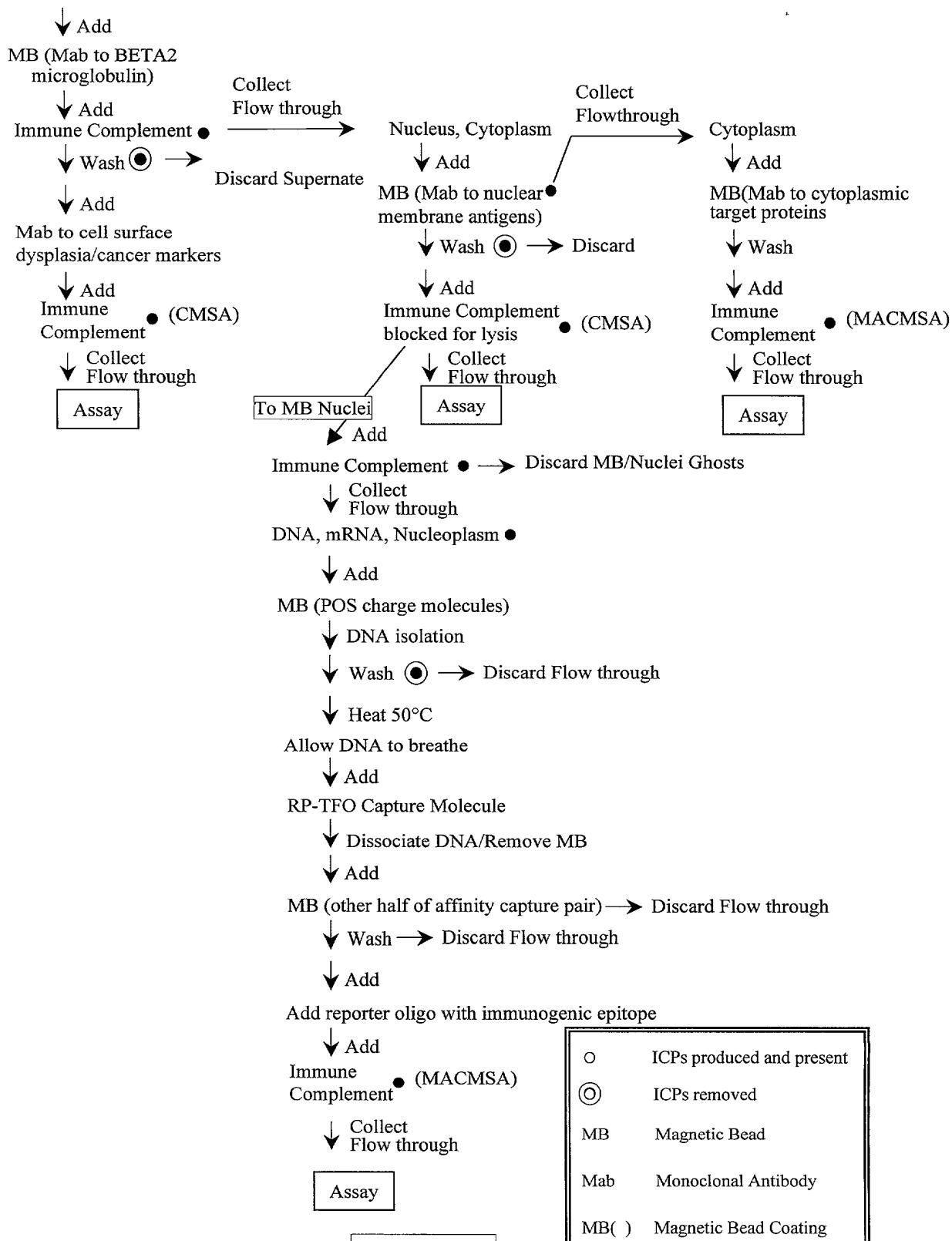


Figure 6